

Recombinant Full Length Human ATP6V0D2 Protein, GST-tagged

Cat. No. ATP6V0D2-1429HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATP6V0D2 full-length ORF (BAC04679.1, 1 a.a. - 350 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	350 amino acids
Description	ATP6V0D2 (ATPase H ⁺ Transporting V0 Subunit D2) is a Protein Coding gene. Diseases associated with ATP6V0D2 include Neurotic Disorder. Among its related pathways are Ion channel transport and Immune System. GO annotations related to this gene include hydrogen ion transmembrane transporter activity. An important paralog of this gene is ATP6V0D1.
Molecular Mass	66.8 kDa
AA Sequence	MLEGAELYFN VDHGYLEGLV RGCKASLLTQ QDYINLVQCE TLEDLKIHLQ TTDYGNFLAN HTNPLTVSKI DTEMRKRLCG EFEYFRNHSL EPLSTFLTYM TCSYMIDNVI LLMNGALQKK SVKEILGKCH PLGRFTEMEA VNIAETPSDL FNAILIETPL APFFQDCMSE NALDELNIEL LRNKLYKSYL EAFYKFCKNH GDVTAEVMCP ILEFEADRRRA FIITLNSFGT ELSKEDRETL YPTFGKLYPE GLRLLAQAED FDQMKNVADH YGVYKPLFEA VGGSGGKTLE DVFYEREVQM NVLA FN RQFH YGVFYAYVKL KEQEIRNIVW IAECISQRHR TKINSYIPIL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ATP6V0D2 ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit d2 [Homo sapiens]
Official Symbol	ATP6V0D2
Synonyms	ATP6V0D2; ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit d2; ATPase, H ⁺ transporting, lysosomal 38kD, V0 subunit d isoform 2 , ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit d isoform 2 , ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit D2; V-type proton ATPase subunit d 2; ATP6D2; FLJ38708; VMA6; V-ATPase subunit d 2; vacuolar proton pump subunit d 2
Gene ID	245972
mRNA Refseq	NM_152565
Protein Refseq	NP_689778
MIM	618072
UniProt ID	Q8N8Y2

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